

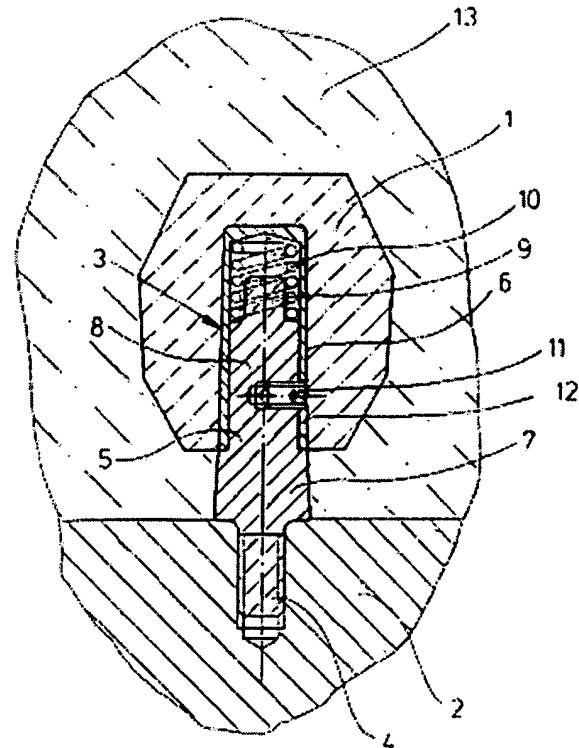
Spring-supported feeder material for sand moulds - with spring area protected from sand and dust particles by a jar-shaped cover

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Abstract of DE4119192

A sprung mandrel (3) for holding feeder channel material (1) in a sand moulding (13) is screwed (4) into the foundry model (2) and has a cover (6) which is shaped like a jar and cover the spring (10) and support arm (5). Pref. the movement of the cover (6) is restricted by the movement of the butting pin in the longitudinal groove of the cover. After compacting the sand, the model can be removed together with the mandrel leaving the feeder material (1) which is made of exothermic, isothermic or insulation material behind. ADVANTAGE - The feeder material (1) is not damaged as the sand is compacted because of the spring action of the mandrel which in turn is not harmed by sand and dust particles entering the spring area.



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